HP RP3 Retail System, Model 3100

All Retail. No Compromise.

The compact and affordable HP RP3 Retail System provides retailers of all sizes with reliability and connectivity features that help maximize operating cost efficiency.

Compact and flexible for a variety of environments

Maximize operating cost efficiency with the affordable price point and compact form factor of the HP RP3 Retail System. Deploy as a traditional client or a thin computing platform in distributed store environments. Use the system in space-constrained settings and nearly anywhere you need a point of sale system. It's an ideal solution for retailers of all sizes.

Create maximum counter space by placing the system beneath a display, on top of the cash drawer, or underneath the counter. Connect to legacy and newer-generation retail peripherals with a wide range of serial and USB ports. DisplayPort and VGA video outputs enable connection to two displays for maximum productivity. Integrated wireless or wired LAN delivers network connectivity[1] to support online customer transactions and inventory checks and back office activities.

Designed to stand up to everyday wear and tear

Choose the best type of storage for your environment; either a hard drive or a solid state drive for the durability of no moving parts. The sturdy steel chassis is designed for high-performance, high-traffic areas. Extensive on-board monitoring and alerts and extreme environmental and shock testing help ensure the HP RP3 Retail System can withstand demanding retail environments.

Environmentally responsible

Reduce cooling and energy costs with the energy-efficient ENERGY STAR® qualified and EPEAT® Gold registered[2] design that delivers extremely low power consumption. Oversized cooling helps enable the longer lifecycle and delivers more continuous performance. The system is designed to operate in an ambient 40°C environment vs. an average ambient 35°C environment so it can run longer and doesn't require external cooling.

Backed by HP

The extended product lifecycle helps ensure consistency in your install base while the three-year limited warranty gives you peace of mind about your investment. Select from a range of HP Care Pack Services[3] to extend service contracts beyond the standard warranty.

For more information, please visit www.hp.com/go/pos.

Left to right: The HP RP3 Retail System. HP Retail Peripheral Family consisting of the HP Powered USB Thermal Receipt Printer, HP L5009tm Touchscreen Monitor, HP Standard Duty Cash Drawer, HP Linear Barcode Scanner, and HP POS Pole Display (each sold separately).

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SPECIFICATIONS

Operating system	**Preinstalled** Genuine Windows® 7 Professional (32-bit or 64-bit)* Genuine Windows® Embedded POSReady 7 (32-bit or 64-bit) Genuine Windows® Embedded POSReady 2009 FreeDOS	**Supported** Genuine Windows® XP Professional Edition (32-bit) **Certified** Novell SUSE Linux Enterprise Desktop†
Processor[4]	Intel® Celeron® Processor B807UE with Intel® HD Graphics (1.0 GHz, 1 MB cache, 1 core)	
Chipset	Intel® HM65 Express	
Memory[5]	One SODIMM, single-channel; Standard non-ECC DDR3 PC3-10600 (1333 MHz) memory; supports up to 8 GB.	
Internal storage[6]	320 GB SATA 6.0 GB/s hard drive (7200 rpm) SMART IV, 2.5", 32 GB, 128 GB, or 256 GB 2.5" SSD	
Audio[7]	Rear-line input (supports microphone or line input), lineout; line-out may be used if CFD installed; High Definition Audio with Realtek ALC221 codec (all ports are stereo); SRS Premium Sound audio management technology; Multi-streaming capable; Dual Internal Speakers (standard)	
Communications	Integrated Broadcom® BCM57788 Gigabit Ethernet Network Connection Optional Wireless LAN: HP WLAN 802.11 a/b/g/n 2x2 DB MCard BT or HP WLAN 802.11 b/g/n 1x1 MCard	
Ports and connectors	5 USB 2.0 1 standard + 3 optional USB+PWR 12V 1 USB+PWR 24V (Printer) 1 RJ-12 Cash Drawer (dual drawers via optional Y cable) 2 standard + 2 optional RS-232 Powered (+5V/+12V, F-10 Setup Configurable) 1 Parallel	2 PS/2 for keyboard and mouse 1 VGA 1 DisplayPort v1.1a 1 RJ-45 10/100/1000 LAN 1 Audio line-in 1 Audio line-out
Power supply	115W EPS 82% Efficiency power supply – Active PFC; ENERGY STAR® qualified	
Dimensions (W x D x H)	11.2 x 10.69 x 3.5 in (284.5 x 271.5 x 88.9 mm)	
Weight	7.98 lb (3.63 kg)	
Warranty	Three-year limited warranty delivers on-site, next business-day service for parts and labor. You can also select from a range of HP CarePack services to extend your protection beyond the standard warranties.[3]	
Certification and compliance	ENERGY STAR®, IT ECO declaration, EPEAT® Gold[2]	

*Not all features are in all editions of Windows 7. Systems may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. See http://www.microsoft.com/windows/windows-7 for details.

†The following are not supported by Novell SUSE Linux Enterprise Desktop: HP ProtectTools, Power Management features, Multi-touch capabilities (Projected Capacitive Touch option). Systems configured with Linux do not qualify for ENERGY STAR®.

1. Wireless access point and Internet connection required and sold separately.
2. EPEAT® Gold where HP registers commercial desktop products. See www.epeat.net for registration status in your country.
3. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at www.hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at www.hp.com/hps/carepack.
4. 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
5. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
6. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) of system disk is reserved for system recovery software.
7. Audio input ports are re-taskable as a Line-in or Microphone-in port. External speakers must be powered externally. Multi-streaming can be enabled in the Realtek control panel to allow independent audio streams to be sent to/from the front and rear jacks. This allows for different audio applications to use separate audio ports on the system. For example, the front jacks could be used with a headset for a communications application while the rear jacks are being used with external speakers and a multimedia application.

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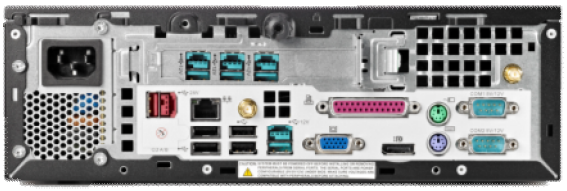
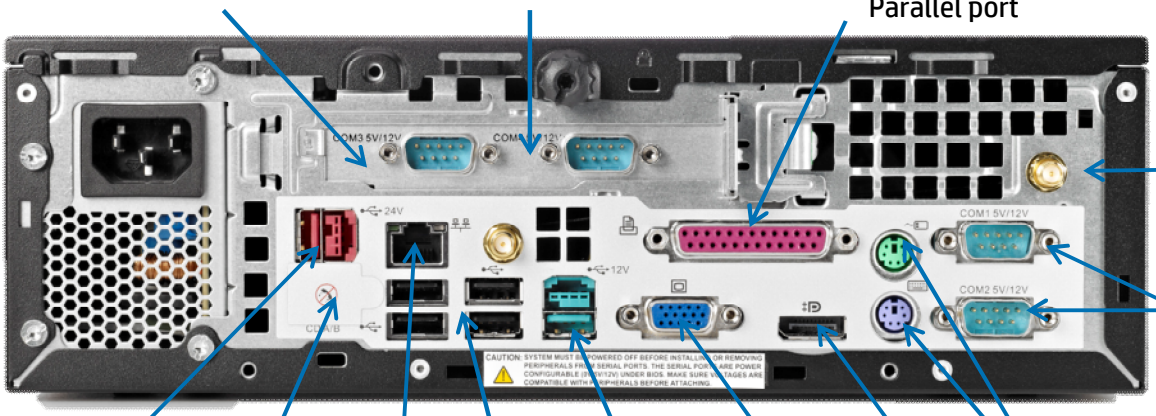
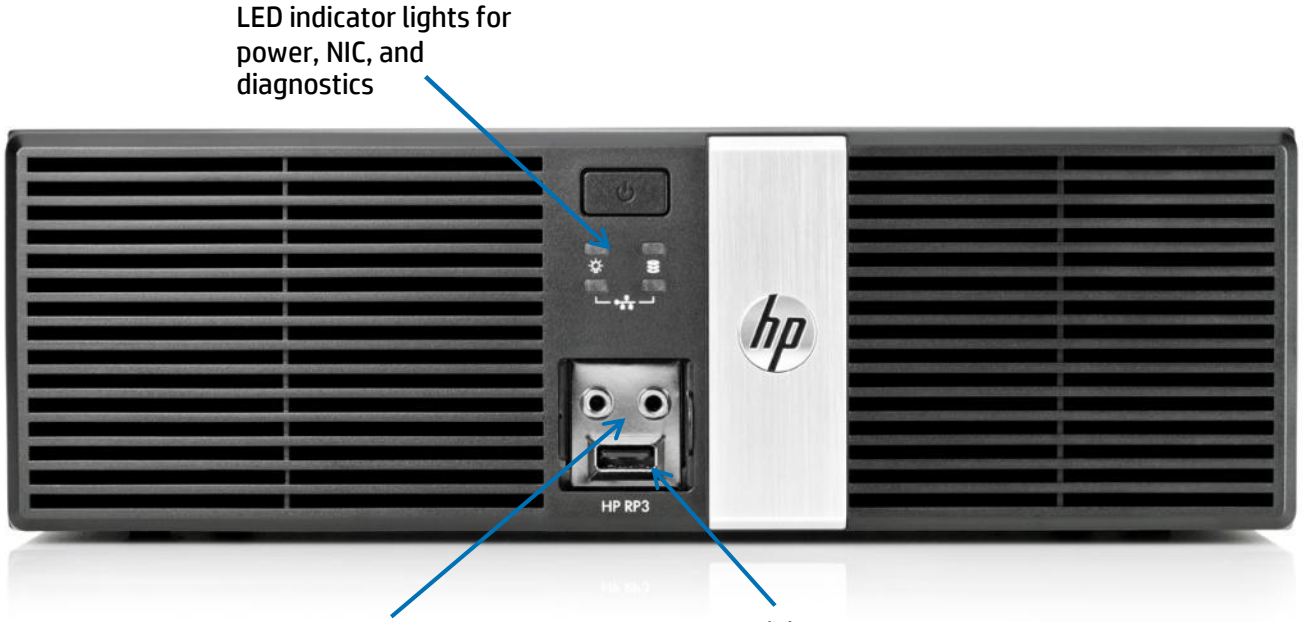


Shown with optional HP 3-port 12V USB card


One (1) full-height expansion slot; factory-configurable to support either a PCI or PCIe x1 expansion card.
Optional HP Serial Port card
Parallel port
WLAN antenna connector
RS232 serial COM ports
PS/2 ports
24V USB + PWR port
Cash Drawer port (with cover)
Network
Four (4) USB 2.0 ports
12V USB PWR port
VGA port
DisplayPort


LED indicator lights for power, NIC, and diagnostics
HP RP3
Line-in and line-out audio jacks
(1) USB 2.0 port with sliding door for security

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